

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000636**Date Inspected:** 16-Oct-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 600**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** plate verification**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector, Dan Hernandez arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and/or discovered the following.

Plate Material Storage Yard (production):

QA Inspector received plate material list for batch #20 and #22. The following 30 out of 44 plates were observed for batch 22, production plate list No. 1817, 1818, 1820-1823, 1826, 1829-1850, and 1852. The following 13 of 65 plates were observed for batch 20, production plate list No. 1609, 1615, 1623, 1631, 1632, 1639, 1640, 1644, 1647, 1653 and 1655-1657. The plates were observed for their general condition and markings. The Plate material thicknesses range from 12mm to 20mm for batch 22 and 6mm for batch 20. The plates were designated as A709M-345T2, A709M-345T2-X, A709M-345F2-X and A709M-345T2-X-S. Batch plate lists were received from American Bridge/Fluor (ABF) and were accompanied with material test reports (MTR's). The MTR's could not be reviewed on this date and will be reviewed at the earliest opportunity. QA Inspector assigned lot number L30-129-07 to the 13 plates of batch 20 and L30-130-07 to the 30 plates of batch 22 that were observed on this date. QA Inspector was accompanied to the ZPMC material storage yard by ZPMC Quality Assurance Mr. Shen Xue Yun.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials

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for your project.

Inspected By: Hernandez,Dan

Quality Assurance Inspector

Reviewed By: Cuellar,Robert

QA Reviewer